In the Claims:

1 (canceled).

2 (canceled).

3 (canceled).

4 (canceled).

5 (canceled).

6 (canceled).

7 (canceled).

8 (canceled).

9 (canceled).

10 (canceled).

11 (canceled).

12 (canceled).

13 (canceled).

14 (canceled).

15 (canceled).

16 (currently amended): A control system for a subsea installation which comprises:

a control module;

a common bus which is connected to the control module and which comprises at least one cable unit; and

a plurality of devices which are each removably connectable to the cable unit;

wherein each ~~device~~ one of the devices comprises a bus controller having a unique address;

wherein the control module comprises means for communicating with each ~~device~~ one of the devices over the common bus;

wherein said cable unit comprises a junction and a plurality of branch cables, each of ~~which comprises~~ the plurality of branch cables comprising a first end ~~that~~ which is connected to the junction, a second end ~~that~~ which is connected to a corresponding electrical connector ~~which~~ that in turn is removably connectable to one of the devices, and at least two control signal supply cables which each extend between said first and second ends and are connected to said junction and said corresponding electrical connector; and

wherein said control signal supply cables are directly electrically connected to each other at said corresponding electrical connector.

17 (currently amended): A control system according to claim 16, wherein each of said branch ~~cable~~ cables further comprises at least two control signal return cables which extend between said first and second ends and are connected to said junction and said corresponding electrical connector.

18 (canceled).

19 (currently amended): A control system for a subsea installation which comprises:

a control module;

a common bus which is connected to the control module and which comprises at least one cable unit; and

a plurality of devices which are each removably connectable to the cable unit;

wherein each ~~device~~ one of the devices comprises a bus controller having a unique address;

wherein the control module comprises means for communicating with each ~~device~~ one of the devices over the common bus;

wherein said cable unit comprises a junction and a plurality of branch cables, each of ~~which comprises~~ the plurality of branch cables comprising a first end ~~that~~ which is connected to the junction, a second end ~~that~~ which is connected to a corresponding electrical connector ~~which~~ that in turn is removably connectable to one of the devices, and at least two control signal cables which extend between the first and second ends and are connected to said junction and said corresponding electrical connector; and

wherein each of said control signal cables comprises a current loop which is routed through ~~each~~ said corresponding electrical connector and said junction.

20 (canceled).

21 (canceled).

22 (canceled).